



**PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of)
Travis Barnes et al.) Art Unit: 3747
Application No.: 10/632,722) Examiner: Hoang, Johnny H.
Filed: August 1, 2003)
For: ON ENGINE TRIM FOR FUEL)
INJECTORS)
Attorney Docket No.: 03-219)

Peoria, Illinois 61629-6490
June 29, 2004

Mail Stop: Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE AND AMENDMENT

In response to the Office Action dated May 17, 2004, please amend the above-identified application, as follows:

IN THE SPECIFICATION:

Please amend the specification, as follows:

Please amend paragraph 27, which bridges pages 6 and 7, as follows:

In a second control block 306, the engine speed governor is modified. For example, in the PI controller 402 of Fig. [[2]] 4, the proportional gain of the forward PI module 404 may be altered, e.g., reduced, and the integral gain of the forward PI module 404 may be set to zero. This would have the effect of "loosening", i.e., modifying, the engine speed control device 112 so that some degree of changes in engine speed are allowed. In alternative configurations, the engine speed control device 112 may be temporarily uncoupled for test purposes.

JUL 06 2004

PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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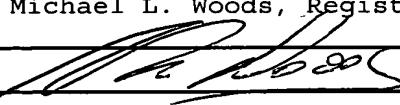
Application Number	10/632,722
Filing Date	08/1/2003
First Named Inventor	Travis Barnes ET AL.
Art Unit	3747
Examiner Name	Hoang, Johnny H.
Attorney Docket Number	03-219

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Other Enclosures(s) (please Identify below):
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

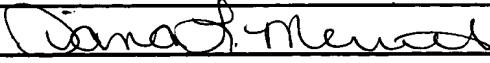
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Michael L. Woods, Registration No. 50,811
Signature	
Date	June 29, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope address to:
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06/29/2004

Typed or printed name	Diana L. Merritt
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Date	6-29-04

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